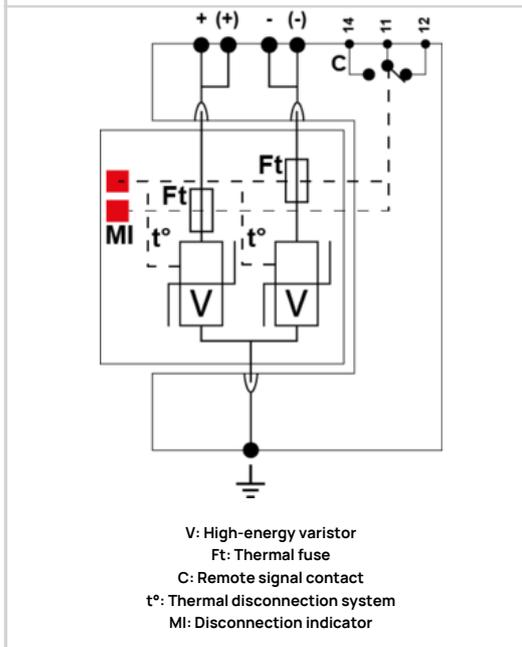
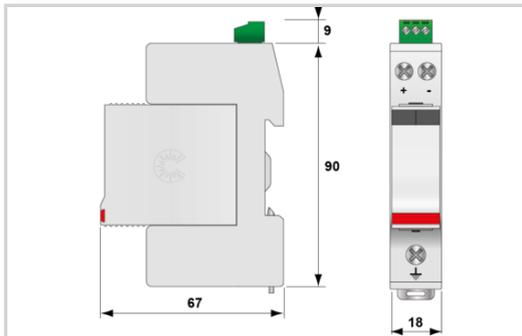


DS240S-130DC



- DC power surge protector
- 130 Vdc
- Compact design
- I_{max}: 40 kA
- Pluggable module
- Remote signaling
- Very low U_p protection level



| Electrical Characteristics | | |
|--|------------------------|--|
| SPD type (following IEC tests) | | 2 |
| Network | | DC or PV network 130Vdc |
| Nominal DC voltage | Un-dc | 130 Vdc |
| Nominal PV voltage | Uocstc | 130 Vdc |
| Max. AC operating voltage | Uc | 150 Vac |
| Max. PV operating voltage | Ucpv | 180 Vdc |
| Max. DC operating voltage | Uc | 180 Vdc |
| Max. load current | IL | 20 A |
| Residual Current (Leakage current to Ground) | I _{pe} | < 0.1 mA |
| PV Permanent Operating current (Current consumption at Ucpv) | I _{cpv} | < 0.1 mA |
| Follow current | I _f | None |
| Nominal discharge current (15 x 8/20 μs impulses) | I _n | 20 kA |
| Max. discharge current (max. withstand @ 8/20 μs by pole) | I _{max} | 40 kA |
| Total Maximum discharge current (max. total withstand @ 8/20 μs) | I _{max Total} | 80 kA |
| Current withstand short circuit PV | I _{scpv} | 1000 A |
| Connection mode(s) | | +/-/PE |
| Protection mode(s) | | Common mode |
| Mechanical Characteristics | | |
| Technology | | MOV |
| SPD configuration | | 2 poles |
| Connection to Network | | By screw terminals: 1.5-10mm ² (actives wires) and 2.5-25mm ² (ground) |
| Format | | Plug-in modular box |
| Mounting | | Symmetrical rail 35 mm (DIN 60715) |
| Housing material | | Thermoplastic UL94 V-0 |
| Operating temperature | T _u | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | disconnection from DC line |
| Disconnection indicator | | 2 mechanical indicators |
| Spare module(s) | | DSM240-130DC |
| Remote signaling of disconnection | | Output on changeover contact |
| Dimensions | | See diagram |
| Weight | | 0.121 kg |
| Disconnectors | | |
| Thermal disconnector | | internal |
| Fuses | | Fuses type gG - 50 A |
| Standards | | |
| Standards compliance | | IEC 61643-11 / EN 61643-11 / UL1449 ed.4 |
| Certification | | UL / EAC |
| Part number | | |
| 310811 | | |

